NEW RUNOFF REGULATIONS WILL HAVE A SIGNIFICANT IMPACT ON LOCAL AGENCIES

EPA Region 9 Stormwater Management Resource Center Workshop

By

Bay Area Stormwater Management Agencies Association, Center for Watershed Protection, Friends of the San Francisco Estuary, San Francisco Bay Regional Water Quality Control Board, San Francisco Estuary Project and the US Environmental Protection Agency

March 12 or March 13, 2002

(8:00 am - 4:30 pm)

Rooms 2-4, 2nd Floor
Elihu Harris State Building
1515 Clay Street

Why Attend?

The San Francisco Bay Regional Water Quality Control Board is adopting new requirements in permits held by most Bay Area municipalities that will significantly impact municipal budgets and substantially change how local agencies review, approve, and monitor development, redevelopment and capital improvement projects.

This one-day workshop provides an opportunity for municipal planners and engineers, consultants, and regulators to:

- Get the latest information on the new requirements
- Network
- Learn about innovative approaches and techniques that will help you comply with the new requirements. These approaches and techniques have been gleaned from municipalities around the country that have already faced similar requirements.

The new requirements will require most local municipalities to*:*

- Amend General plans
- Adopt ordinance revisions
- Modify development project review process
- Expand environmental review
- Expand site design and source control measures
- Develop hydrograph modification management plans
- Develop operation and maintenance verification program
- Expand inspection and enforcement activities
- Develop waiver program and regional solutions
- Increase data management and reporting
- Increase staff and training
- Increase funding

A limited number of copies of "The Practice of Watershed Protection" will be provided free each day to participants on a first-come, first-serve basis.

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PURPOSE

In support of Phase II and the Stormwater Management Resource Center (SMRC) project, the Center for Watershed Protection is conducting stormwater management and watershed planning workshops in each of the EPA regions. This workshop, organized by the Bay Area Stormwater Management Agencies Association (BASMAA), San Francisco Bay Regional Water Quality Control Board, and US EPA, will focus on stormwater treatment practices, redevelopment site design, and retrofitting techniques as part of a comprehensive watershed protection strategy. For more information on SMRC, please see www.stormwatercenter.net

REGISTRATION INFORMATION

This ONE-DAY workshop will be held on:
MARCH 12 and MARCH 13, 2002

Please check the appropriate box:

❒ Tuesday, March 12 ❒ Wednesday, March 13

Cost: $70.00 (includes materials and lunch)

Name:_____
Affiliation_____
Address_____
Phone_____

Mail your check to: Friends of the San Francisco Estuary
c/o SF Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

WORKSHOP LOCATION: Elihu Harris State Building, 1515 Clay Street, Oakland - Rooms 2-4, 2nd Floor

Check out our web page for directions http://www.swrcb.ca.gov/rwqcb2/.
It's in downtown Oakland near the City Center/12th Street BART Station.

LOCAL CONTACT

Debbi Nichols 510-622-2304 phone / 510-622-2501 fax

AGENDA (8:00 AM – 4:30 PM)

Storm Water Regulations for Development Staff from the Regional Water Quality Control Board will provide the latest information on new requirements that municipal planners and engineers must meet on new and redevelopment projects.

Session I ***The Eight Tools of Watershed Protection*** This session outlines a watershed protection approach that applies eight tools to protect or restore aquatic resources in a subwatershed. It describes the nature and purpose of the eight watershed protection tools, outlines specific application techniques, and highlights considerations when adapting the tools within a given subwatershed.

Session II ***Choosing the Right Urban Stormwater Treatment PracticeS*** Appropriate stormwater treatment practice selection is based on several factors, and this session presents a series of selection matrices for choosing the best STP for a site. A unified approach for sizing stormwater management practices, which addresses groundwater recharge, water quality treatment, channel protection, overbank flooding control, and management of large events will also be presented.

Session III ***Knowing Your Way Around: Watershed Mapping and Impervious Cover Calculation*** This session discusses the value of watershed mapping, presents a step-by-step process for delineating watersheds and subwatersheds, and discusses four methods for calculating current impervious cover, including direct measurement, road density, population, and land use.

Session IV ***New Advances in Stormwater Treatment*** This session reviews the types of practices (stormwater ponds, wetlands, infiltration and filtering practices, and open channels) currently used to manage and treat urban stormwater. For each practice, a schematic, applicability and performance summary, design notes, and one or two representative photographs will be presented.

Session V ***Smart Sites: Principles of the Redevelopment Roundtable*** This session presents 11 practices to help reduce pollutants and improve the environmentally quality of redevelopment and infill sites to better protect their local water resources. Applied together, these practices have benefits for all local stakeholders including developers, local government, communities, and others.

Session VI ***Urban Stormwater Retrofit Techniques: The Art of Opportunity*** Stormwater retrofits are among the most promising protection tools in urban landscapes where little or no prior stormwater controls existed. This presentation will address what retrofits are, why they are important, and an eight - step approach to the art of effective stormwater retrofitting